

# BUX

## SHRADER

MAGNETIC PRODUCTS

11623 SOUTH BROADWAY • LOS ANGELES 61, CALIFORNIA



# BUX

## PORTABLE MAGNETIC DRILL PRESSES



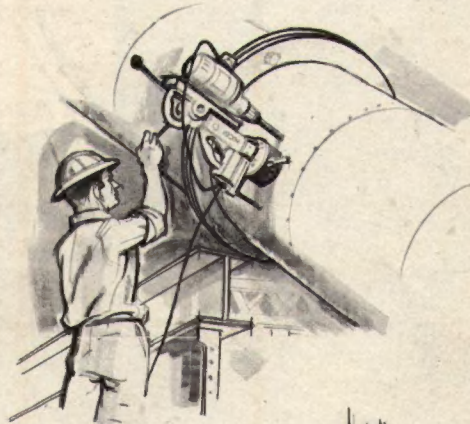
### MODERATE DUTY

MODEL L1 Electromagnetic Drill Press accommodates drill sizes up to  $\frac{3}{8}$ ". Maximum drill point pressure is 800 lbs. and magnet holds drill press to work with a force of 1600 lbs. Its remarkable portability and true one-man operation make the Model L1 one of the most useful metalworking tools for any shop, large or small.



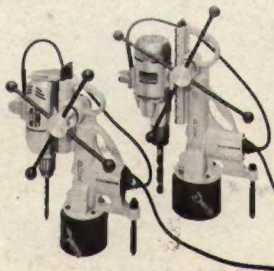
### GENERAL DUTY

MODELS L2, L2RP. Model L2 Electromagnetic Drill Presses accommodate drill sizes from  $\frac{1}{2}$ " to  $\frac{7}{8}$ ". Magnet holds drill press to work with a force of 2000 lbs. The L2RP Radial Positioner with its exclusive cam action for lateral positioning swivels through  $330^\circ$  with  $\frac{7}{8}$ " lateral movement for precise positioning.



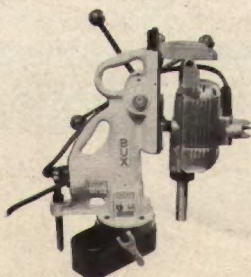
### HEAVY DUTY

MODELS L3, L3RP. Model L3 Electromagnetic Drill Presses accommodate drill sizes from  $\frac{3}{4}$ " to  $1\frac{1}{4}$ ". Maximum drill point pressure is 2000 lbs. and magnet holds drill press to work with a force of 3000 lbs. L3RP Radial Positioner swivels through  $330^\circ$  with  $1\frac{1}{8}$ " lateral movement for precise positioning.



### RECTANGULAR BASE

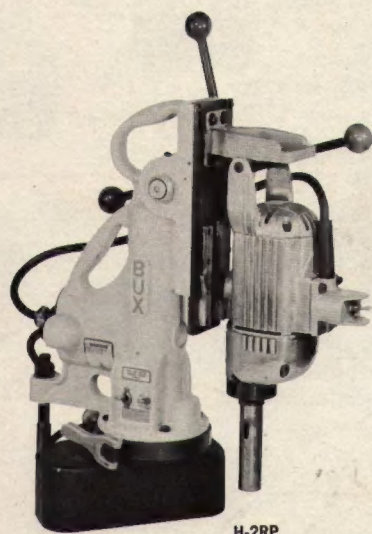
For those narrow places and where additional holding power is required, Bux offers two outstanding models with rectangular bases. Model H-2 will accommodate drills to  $\frac{7}{8}$ " capacity. Maximum drill point pressure is 1700 lbs. Model H-2RP includes exclusive Radial Positioner for precise positioning.



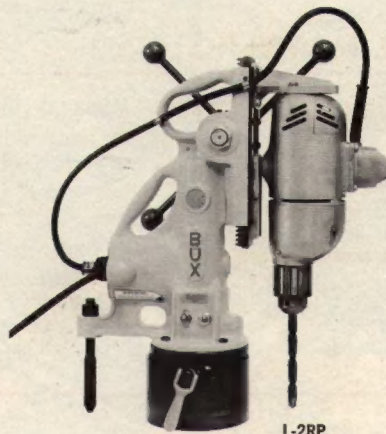


## NOW AVAILABLE IN BOTH ROUND AND RECTANGULAR BASE

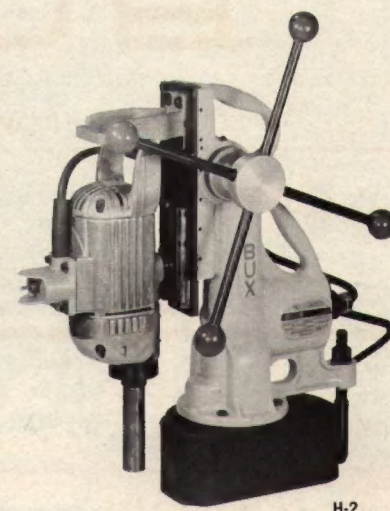
... both with **exclusive** radial positioning feature for fast, accurate positioning of drill point



H-2RP















L-2RP



H-2

**BUX DRILL STANDS**—First on the market—foremost in quality—the accepted standard in industry—recognized world wide for superior performance and rugged dependability

exclusive radial action on rectangular base, too!	manufactured by magnet specialists —for over 30 years	most complete line of magnetic drill presses on the market	adapters for all models of drills — standard equipment with each drill stand	increased holding power on all models	with exclusive ball-lok action for lateral movement	unique one-piece post casting
					one step adjustment for radial action!	round and rectangular base models
						
lightest weight heavy-duty magnetic drill press on the market	adaptable to all makes of drills—air and electric	safety twist-lock plug standard on all models	heavy-duty motor produces maximum drill point pressure of 1500 lbs. (Bux-Matic models)	two-speed automatic feed for all types of metal drilling	no need to purchase a new drill — use your own — easily mounted	assures maximum rigidity under all conditions

### CIRCULAR BASE MODELS

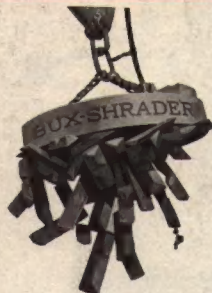
MODEL	DRILLS ADAPTABLE		TAPPING CAPACITY	HEIGHT	BASE DIAMETER	WEIGHT (Less Drill) (LBS.)	MAX. MAGNETIC PULL (LBS.)	MAX. DRILL POINT STROKE PRESSURE (LBS.)	CURRENT DRAW (Watts)	MAX. STROKE	TURNING RAD.	LATERAL MOVEMENT
	ELECTRIC	AIR										
L-1	1/4"-5/8"	1/4"-1"	3/8"-3/4"	19 1/2"	6"	36	1600	800	43	10"	—	—
L-2	1/2"-7/8"	1/2"-1"	1/2"-5/8"-7/8"	19 1/4"	6"	38	2000	1400	45	10"	—	—
L-3	3/4"-1 1/4"	1"-1 3/4"	5/8"-3/4"-1 1/4"	24"	6 3/4"	51	3000	2000	60	13"	—	—
L-2RP	1/2"-7/8"	1/2"-1"	1/2"-7/8"	20"	6"	43	2000	1250	45	10"	330°	7/8"
L-3RP	3/4"-1 1/4"	1"-1 3/4"	5/8"-1 1/4"	24 3/4"	6 3/4"	57	3000	1850	60	13"	330°	1 1/8"
BX	1/2"-1 1/4"	1/2"-1 3/4"	5/8"-1 1/4"	24"	6 3/4"	70	3000	2000	150	12 1/2"	—	—
BX-RP	1/2"-1 1/4"	1/2"-1 3/4"	5/8"-1 1/4"	25"	6 3/4"	77	3000	2000	150	12 1/2"	330°	1 1/8"

### RECTANGULAR BASE MODELS

	DRILLS ADAPTABLE		TAPPING CAPACITY	HEIGHT	BASE DIMENSIONS		WEIGHT (Less Drill) (LBS.)	MAX. MAGNETIC PULL (LBS.)	MAX. DRILL POINT STROKE PRESSURE (LBS.)	CURRENT DRAW (Watts)	MAX. STROKE	TURNING RAD.	LATERAL MOVEMENT
					L	W							
H-2	1/2"-7/8"	1/2"-1"	1/2"-5/8"-7/8"	19"	9 1/4"	4"	52	2900	1700	92	10"	—	—
H-2RP	1/2"-7/8"	1/2"-1"	1/2"-7/8"	19 3/4"	9 1/4"	4"	56	2900	1700	92	10"	330°	7/8"

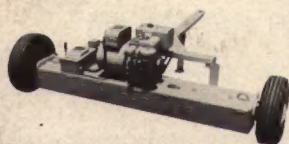


Wherever holes are drilled in ferrous metals . . . on the production line, at the erection site, in the maintenance shop, at the assembly point; whatever the industry . . . aircraft, mining, railways, manufacturing, construction, automotive; at home or abroad, the revolutionary portable magnetic drill press by BUX teamed with ANY standard portable drill delivers spectacular savings.



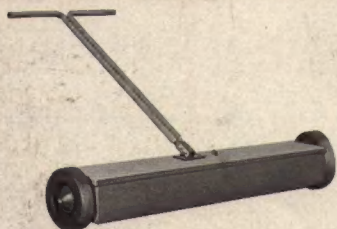
#### SCRAP- AND STEEL-HANDLING MAGNETS

Standard Bux-Shrader scrap- and steel-handling magnets range from 26 inches to 88 inches in diameter, capable of lifting up to 100 tons per load. Specially engineered magnets for unique applications are even larger.



#### HEAVY-DUTY MAGNETIC SWEEPER

The Bux-Shrader Models TRMP are electromagnetic sweepers for vehicle towing. With a 2" to 7" ground clearance and with up to 12 feet of sweeping width, they are especially useful for clearing parking areas, large construction projects, etc., of stray iron and steel objects.



#### HAND-OPERATED MAGNETIC SWEEPERS

The Bux-Shrader Model PFC permanent magnet sweeper is a lightweight, handy, portable sweeper for picking up nails, tacks, metal shavings, nuts and bolts, metal strapping, pins, etc., in such business establishments as machine shops, lumber yards, and upholstery shops.

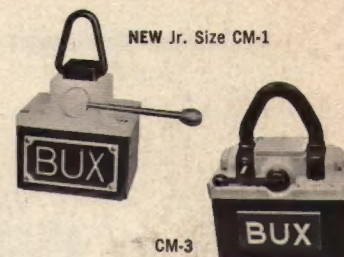


#### CIRCULAR ELECTROMAGNETS

Small, high-power Type CE electromagnets, available in standard models from 3/4 inch to 20 inches in diameter and with holding powers from 9 pounds to 12 tons, are especially suitable to industrial-materials handling.

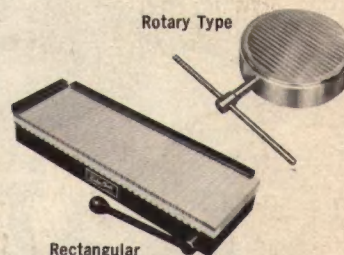
#### TON-TOTER

The small Bux-Shrader permanent-magnet "Ton-Toter" performs machine loading and material handling previously requiring either two men or slings and chains. With no wires, no batteries or electrical connections needed, they are capable of lifting up to 3000 pounds of ferrous materials.



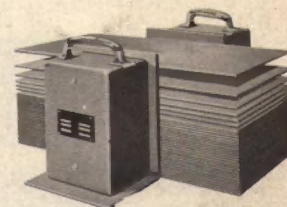
#### MAGNETIC CHUCKS

The superior holding power of Walker magnetic chucks imparts extreme rigidity to pieces being machined. Rectangular chucks secure irregular pieces for milling or grinding; rotary chucks grasp and hold parts for turning on lathes. Both are available in electromagnetic or "Ceramax" permanent magnet types.



#### SHEET-METAL SEPARATORS

By automatically separating individual sheets from stacks, Bux-Shrader sheet-metal separators provide safety for personnel from handling accidents and protection of machinery from inadvertent double feeding.



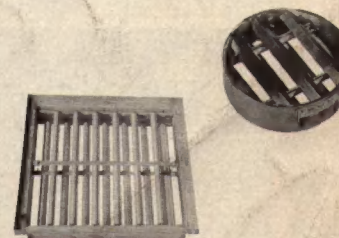
#### MAGNETIC PLATE CLAMPS

Bux-Shrader electromagnetic plate clamps are used to hold ferrous metal plates securely in position for welding, drilling, holding, or fastening together. The plate clamp is a one-man portable unit which may be used in any position—horizontal, vertical, or overhead. Also doubles as lifting magnet!



#### GRATE MAGNETS

Bux-Shrader complete line of Grate Magnets offers the finest permanent, non-failing protection against fine iron and tramp iron from materials that tend to stick, clog, and bridge in all types of processing plants.



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